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Dated: January 4, 2006

Signature:

(Thomas A. Miller)

Docket No.: 28944/50001
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Matthias Fink, et al.

Application No.: Not Yet Assigned 10/550,429

Filed: September 21, 2005

Art Unit: Not Yet Assigned

For: METHOD OF DETERMINING IMPULSE
RESPONSES FROM A MEDIUM IN
RELATION TO THE TRANSMISSION OF
WAVES BETWEEN DIFFERENT POINTS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Copies of the foreign patent and non-patent literature references listed on the PTO/SB/08 are attached.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an

admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-3629, under Order No.28944/50001. A duplicate copy of this paper is enclosed.

Dated: January 4, 2006

Respectfully submitted,

By 

Thomas A. Miller

Registration No.: 40,091

MILLER MATTHIAS & HULL

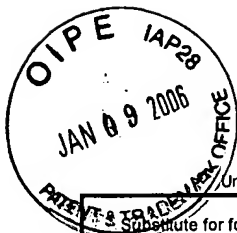
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)			Complete if Known		
			Application Number	Not Yet Assigned	
			Filing Date	September 21, 2005	
			First Named Inventor	Matthias Fink, et al.	
			Art Unit	Not Yet Assigned	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	28944/50001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		4,167,879	09-18-1979	Pedersen	
		4,456,982	06-26-1984	Tournois	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 02 32316	04-25-2002	Aubry, et al.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Derode et al., "Taking Advantage of Multiple Scattering to Communicate with Time Reversal Antennas", Physical Review Letters 90 (1), pp. 014301-1-014301-4, 2003.	
		Prada and Fink, "Eigenmodes of the Time Reversal Operator: a Solution to Selective Focusing in Multiple-Target Media", Wave Motion 20, pp. 151-163, 1994.	
		Mordant et al., "Highly resolved detection and selective focusing in a waveguide using the D.O.R.T. method", J. Acoust. Soc. Am. 105, 2634-2642, 1999.	
		Folegot et al., "3D Spatial Resolution Enhancement Through Environmental Effects with the Time Reversal Operator Decomposition", Oceans '02 MTS/IEEE, Biloxi, Oct. 2002.	
		Prada, et al., "Flaw Detection in Solid with the D.O.R.T. Method", IEEE Ultrasonics Symposium, pp. 679-683, 1997.	
		French Search Report FR 0303545; report dated November 27, 2003.	
		International Search Report PCT/FR2004/000684; report dated September 9, 2004.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
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